

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 8. (Cancelled)

9. (Currently Amended) Computer equipment relaying transmission of an HTTP request and return of an HTTP response between a terminal and a server; comprising:

HTTP request transfer means for relaying the HTTP request with a cookie sent from a browser of the terminal to transfer the HTTP request with said cookie to the server as a destination of the HTTP request; and

HTTP response transfer means for receiving the HTTP response returned from the server in response to the HTTP request, deleting a domain described in a Set-Cookie header, rearranging a plurality of components of said domain into an inverse order, embedding the plurality of components into a path described in said Set-Cookie header, embedding a remote port on which the HTTP response was received into the path described in said Set-Cookie header, and transferring the HTTP response with said Set-Cookie header to the terminal, wherein the plurality of components of said domain are separated by a punctuation character, and wherein rearranging the plurality of components of said domain in the inverse order includes exchanging positions of a first and last component of the plurality of components of said domain.

10. (Currently Amended) The computer equipment according to Claim 9, wherein the punctuation character is a first punctuation character, and wherein said HTTP request transfer means specifies a port number of a communication port on the server together with said domain of the server, and transfers the HTTP request to the server, the remote port is separated from the plurality of components of said domain by a second punctuation character.

11. (Original) The computer equipment according to Claim 9, wherein said HTTP response transfer means adds a predetermined fixed-character string to said Set-Cookie header according to the HTTP response, and transfers the HTTP response with said Set-Cookie header to the terminal.

12. (Previously Presented) The computer equipment according to Claim 9, wherein said HTTP response transfer means compiles the plurality of components necessary for identifying said domain when rearranging the plurality of components in inverse order, and transfers the HTTP response to the terminal.

13. (Previously Presented) The computer equipment according to Claim 9, wherein said HTTP response transfer means replaces a domain parameter of the server in said Set-Cookie header by another server name, and transfers the HTTP response to the terminal.

14. (Previously Presented) A data processing method for relaying data exchanged between first computer equipment and second computer equipment, comprising:

receiving a response sent from the first computer equipment to the second computer equipment;

determining whether said response includes a Set-Cookie header, wherein said Set-Cookie header includes a domain having a plurality of components, and wherein the plurality of components are separated by a punctuation character;

rewriting said Set-Cookie header when said response includes said Set-Cookie header so that a cookie set on the second computer equipment based on said Set-Cookie header will have a format recognizable by the second computer equipment, wherein rewriting said Set-Cookie header includes exchanging positions of a first and last component of the plurality of components of said domain; and

sending the second computer equipment said response with said Set-Cookie header.

15. (Previously Presented) A program product in a recordable type medium for controlling computer equipment relaying data exchanged between first computer equipment and second computer equipment to perform predetermined data processing, comprising:

first processing means for receiving a response sent from the first computer equipment to the second computer equipment;

second processing means for rewriting a Set-Cookie header when said response includes said Set-Cookie header so that a cookie set on the second computer equipment based on said Set-Cookie header will have a format recognizable by the second computer equipment, wherein said

Set-Cookie header includes a domain having a plurality of components, wherein the plurality of components are separated by a punctuation character, and wherein rewriting said Set-Cookie header includes exchanging positions of a first and last component of the plurality of components of said domain; and

third processing means for sending the second computer equipment said response with said Set-Cookie header.

16. (Previously Presented) The program product according to Claim 15, wherein during processing in said second processing means for rewriting said Set-Cookie header, a sequence of said domain included in said Set-Cookie header of said response is altered into an inverse order, and a delimiter of said domain is replaced by a predetermined character to generate a path including said domain rearranged into said inverse order.

17. (Previously Presented) The program product according to Claim 15, further comprising means for controlling the first and second computer equipment to rewrite said domain and a first path of a link and location included in said response in conformity with a second path included in said Set-Cookie header.

18-20. (Cancelled)

21. (New) The computer equipment according to claim 9, wherein the punctuation character is a first punctuation character, and further comprising:

identifying a top level domain name component in the plurality of component of the plurality of components of the domain name and a second level domain name component in the plurality of components of the domain name;

joining the top level domain name component and the second level domain name component with a second punctuation character.

22. (New) The computer equipment according to claim 21, wherein the second punctuation character is a different punctuation character than the first punctuation character.

23. (New) The computer equipment according to claim 21, wherein the first punctuation character is a slash, and wherein the second punctuation character is a hyphen.